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**Title: Pneumatic tire crown reinforcement**

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ABSTRACT

20 A tire comprising a crown extended by two respective sidewalls and two respective beads, a carcass structure anchored in each side of the tire in said beads, said crown comprising at least one reinforcing ply having parallel reinforcements oriented at an angle  $\alpha$  relative to the circumferential direction ranging between 10 and 45 degrees, a first crown reinforcement having cords substantially oriented in the circumferential direction and being high elastic modulus at high stress organic fiber cords, and a second crown reinforcement having cords substantially oriented in the circumferential direction and having a ratio  $\tau$  of the tensile strength at high strain and high temperature to the tensile strength at low strain and moderate temperatures inferior to 1.5.

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Fig. 1